Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) An image recording apparatus for use in an inspection system which includes imaging means for imaging operations of manufacturing equipment in a production line, and inspection means arranged downstream from the manufacturing equipment to inspect products processed by the manufacturing equipment, comprising:

temporary storage portion for temporarily storing image data from the imaging means;

storage means;

setting means for setting a return time and a recording time; and

control means for reading out image date recorded over a time interval based on the set return time, the time interval being equal in duration to the set recording time, ~~the set recording time starting at the set return time~~ from the image data stored in the temporary storage portion, and storing such read out interval of the image data in the storage means when a signal based on inspection results outputted from the inspection means is received.

2. (Currently Amended) The image recording apparatus of Claim 1, wherein the temporary storage portion stores image data in a manner related to the order in which such data was received, and wherein, in the case where image data recorded over the ~~set recording~~ time interval is stored, the image data stored at the beginning is rewritten to make it possible to temporarily preserve image data of a previous prescribed time interval portion and acquire any desired interval.

3. (Previously Presented) The image recording apparatus of Claim 1, further comprising:

frame creating means which carries out a prescribed supplemental process based on one field of image data stored in the storage means to create one frame of image data;

wherein, when at least the created frame image is outputted and displayed in a normal display region, the top end line and the bottom end line of the frame image are excluded from the display region.

4. (Currently Amended) An image recording system, comprising:

first imaging means for imaging operations of manufacturing equipment in a production line;

second imaging means arranged downstream from the manufacturing equipment for imaging articles processed by the manufacturing equipment;

inspection means for inspecting the processed articles based on image data outputted from the second imaging means; and

an image recording apparatus for acquiring data outputted from the first imaging means and the inspection means, wherein the image recording apparatus includes:

temporary storage portion for temporarily storing image data from the imaging means;

storage means;

setting means for setting a return time and a recording time; and

control means for reading out image date recorded over a time interval based on the set return time, the time interval being equal in duration to the set recording time, ~~the set recording time starting at the set return time~~ from the image data stored in the temporary storage portion, and storing such read out interval of the image data in the storage means when a signal based on inspection results outputted from the inspection means is received.

5. (Previously Presented) The image recording apparatus of Claim 1, wherein the return time is set based on a tact and a number of tacts, where a tact is a unit of time required to perform a predetermined process operation or predetermined assembly operation using the manufacturing equipment.

6. (New) The image recording apparatus of Claim 1, wherein the time interval includes a return position, which is earlier than a time at which the signal based on the inspection results is generated by a time amount equal to the return time.

7. (New) The image recording apparatus of Claim 6, wherein the return position is at the end of the time interval.

8. (New) The image recording apparatus of Claim 6, wherein the return position is at the center of the time interval.

9. (New) The image recording apparatus of Claim 6, wherein the return position is at the beginning of the time interval.

10. (New) The image recording system of Claim 4, wherein the time interval includes a return position, which is earlier than a time at which the signal based on the inspection results is generated by a time amount equal to the return time.

11. (New) The image recording system of Claim 10, wherein the return position is at the end of the time interval.

12. (New) The image recording system of Claim 10, wherein the return position is at the center of the time interval.

13. (New) The image recording system of Claim 10, wherein the return position is at the beginning of the time interval.